

Kentucky Method 64-422-083
Revised ~~1/8/03~~02/21/08
Supersedes KM 64-422-034
Dated ~~12/13/01~~01/08/03

ASPHALT RELEASING AGENT

1. SCOPE: This test method covers the determination of the effectiveness of an asphalt-releasing agent for use in the beds of trucks hauling asphalt mixtures.
2. APPARATUS:
 - 2.1. Provide a flat-bottom metal pan, approximately 10 x 14 inches.
 - 2.2. Provide an oven capable of maintaining a temperature of 275 ± 10 °F.
 - 2.3. Provide an 8-oz. ointment cup.
3. MATERIALS: Provide any asphalt mixture containing a performance-graded (PG) 64-22 asphalt binder conforming to AASHTO M320, *Performance-Graded Asphalt Binder*.
4. SAMPLE REQUIREMENTS:
 - 4.1. Provide one quart of the asphalt releasing agent.
 - 4.2. Provide a minimum of 5000 g of asphalt mixture.
5. PROCEDURE:
 - 5.1. Heat the asphalt mixture in an oven to a constant temperature of 275 ± 10 °F.
 - 5.2. Coat the metal pan with the releasing agent in the concentration suggested by the manufacturer.
 - 5.3. While the pan is still wet, place the hot asphalt mixture evenly into the pan to an approximate depth of 0.5 inches. Allow the asphalt mixture to cool undisturbed for 15 minutes. Then, attempt to release the asphalt mixture from the pan by scraping it with a spatula.

6. REPORT: The Department will consider the releasing agent as acceptable if the asphalt mixture can be easily removed from the metal pan.

APPROVED

DIRECTOR
DIVISION OF MATERIALS

DATE 02/21/08

APPROVED

Director

Division of Materials

DATE 1/8/03

Kentucky Method 64-422-083

Revised 1/8/0302/21/08

Supersedes KM 64-422-034

Dated 12/13/0101/08/03

Km422083.doc